## PATENT COOPERATION TREATY

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### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference				
02/23925	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPE		tion of Transmittal of International Examination Report (Form PCT/IPEA/416)	
International application No.	International filing date (day/mo	nth/year)	Priority date (day/month/year)	
PCT/IL03/00018	07 January 2003 (07.01.2003)			
International Patent Classification (IPC)	or national classification and IPC			
IPC(7): A01H 1/00, 1/02, 5/00, 5/10; C	112N 5/04 and IIS CL - 900/260 a	65 260 271 /	254 244 425422	
Applicant	1211 5704 and 03 Ci 800/200, 2	203, 209, 271, 2	274, 314; 435/427	
HAZERA GENETICS LTD.				
<ol> <li>This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</li> </ol>				
2. This REPORT consists of a total of \( \square \) sheets, including this cover sheet.				
This report is also acc	ompanied by ANNEXES, i.e.,	sheets of the	description, claims and/or drawings	
which have been affier	ided and are the basis for this i	report and/or	cheete containing reatifications 1-	
before this Authority	(see Rule 70.16 and Section 60	7 of the Adm	inistrative Instructions under the PCT).	
These annexes consist of a total of sheets.				
3. This report contains indications relating to the following items:				
I Basis of the report				
II Priority				
III Non-establishmer	nt of report with regard to nove	eltv. inventive	step and industrial applicability	
IV Lack of unity of		<b>,</b> ,	otop and measural approaching	
<b>►</b> 3				
	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial			
applicability; citations and explanations supporting such statement  VI Certain documents cited		nent		
VII Certain defects in the international application				
VIII Certain observations on the international application				
Date of submission of the demand		£		
		Date of completion of this report		
01 June 2004 (01.06.2004)		ch 2005 (09.03	.2005)	
Name and mailing address of the IPEA/US  Mail Stop PCT, Atm: IPEA/US		zed officeri	2 01 01	
Commissioner for Patents		lerie /	Bell-Hausfor	
P.O. Box 1450 Alexandria, Virginia 22313-1450		I. FOX		
Facsimile No. (703)305-3230		ne No. (571) 2	272-1600	
orm PCT/IPEA/409 (cover sheet)(July 1998	3)		<del></del>	

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.	
PCT/IL03/00018	

l	I.	Basis of the report
	1.	With regard to the elements of the international application:*
l		the international application as originally filed.
l		the description:
ı		pages 1-34 as originally filed
l		pages NONE, filed with the demand
l		pages NONE, filed with the letter of
l		the claims:
l		pages 35-50 , as originally filed  pages NONE , as amended (together with any statement) under Article 10
l		pages NONE , as amended (together with any statement) under Article 19 pages NONE , filed with the demand
l		pages NONE , filed with the letter of
l		the drawings:
		pages 1 , as originally filed
		pages NONE , filed with the demand
		pages NONE, filed with the letter of
		the sequence listing part of the description:
		pages NONE , as originally filed pages NONE , filed with the demand
		pages NONE , filed with the letter of
	2.	With regard to the language, all the elements marked shows were and the language.
	Í	- which is:
	ľ	the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
	Į	ine language of publication of the international application (under Rule 48.3(b)).
	Ĺ	the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).
3	3. \	Vith regard to any nucleotide and/or amino acid sequence disclosed in the international application, the
	ונ דו	aternational preliminary examination was carried out on the basis of the sequence listing:
	Ļ	contained in the international application in printed form.
	Ļ	filed together with the international application in computer readable form.
	Ļ	furnished subsequently to this Authority in written form.
	Ļ	furnished subsequently to this Authority in computer readable form
	L	The statement that the subsequently furnished written sequence listing does not so beyond the division of the statement that the subsequently furnished written sequence listing does not so beyond the division of the statement that the subsequently furnished written sequence listing does not so beyond the division of the statement that the subsequently furnished written sequence listing does not so beyond the division of the statement that the subsequently furnished written sequence listing does not so beyond the division of the statement that the subsequently furnished written sequence listing does not so beyond the division of the statement that the subsequence listing does not so beyond the division of the statement that the subsequence listing does not so beyond the division of the statement that the subsequence listing does not so the statement that the subsequence listing does not so the statement that the subsequence listing does not so the statement that the statement that the subsequence listing does not so the statement that the stat
	<b>-</b> -	international application as filed has been furnished.
	L	The statement that the information recorded in computer readable form is identical to the written sequence listing
	_	has been furnished.
4.	. <u>L</u>	The amendments have resulted in the cancellation of:
		the description, pages NONE
		the claims, Nos. NONE
	_	the drawings, sheets/fig NONE
5.		This report has been established as if (some of) the amendments had not been made as in the same of the amendments had not been made as in the same of
	_	
Izi	Kep s re	ACCINETI SHEELS WHEEL HAVE BOOK firmiched to the maniful Am I
*	Any	port as "originally filed" and are not annexed to the receiving Office in response to an invitation under Article 14 are referred to in replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.
		annexea to this report.

#### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/IL03/00018

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1. STATEMENT					
Novelty (N)	Claims	Please See Continuation Sheet	YES		
	Claims	Please See Continuation Sheet	NO		
Inventive Step (IS)	Claima	Please See Gentle at 1			
		Please See Continuation Sheet Please See Continuation Sheet	YES		
	Ciumis	rease oce commutation sheet	NO		
Industrial Applicability (IA)	Claims	Please See Continuation Sheet	YES		
	Claims	Please See Continuation Sheet	NO		
Claims 1-106 meet the criteria set out in PCT Article can be made or used in industry.  Claims 1-5,7-10,13-22,24-27,30-39,41-44,47-56,58-6 Article 33(2)-(3), because the prior art does not teach crossing.	51.64 <del>.</del> 73.75 <b>.</b> 7	9 82-91 93-96 and 100-106 meet the enitoric	ot out in DCT		
Claims 6,11-12,23,28-29,40,45-46,57,62-63,74,80-83 BURDETT, JR. (US 6,102,971 issued 15 August 200	1,92 and 97-9 10).	9 lack novelty under PCT Article 33(2) as bei	ng anticipated by		
Claims 6, 23, 40, 57, 74 and 92 are drawn of suboptimal water supply, resistance to Verticillium with fiber fineness not higher than 3.9 micronaire, and yell of the exemplified hybrids. The claims fail to specify exemplified ancestor(s) were performed. Therefore, to of the claimed traits; since the traits are not unique to exemplified hybrids will be lost with each outcross.	lit, a fiber len low flowers, what the other the claims rea	wherein said cotton plants had at least one ancier ancestor is, or how many generations of out	least 1.34 inches, a estor which was one crosses to the non-		
BURDETT, JR. teaches a cotton plant which Scuthwestern United States), resistance to Verticillium micronaire, and yellow flowers (see, e.g., column 16,	1 Will an ave:	e to suboptimal water supply (since it is adapting fiber length of 1.35 inches, a fiber finene	ed to the ss of 3.9		
Claims 11-12, 28-29, 45-46, 62-63, 80-81, 9 plant under at least the following two conditions: subothat the plant have a naked Pima-type seed coat.	97 and 99 are optimal water	drawn to any cotton plant which yields better supply and Verticillium infestation. Claim 98	than a different I further specifies		
As discussed above, BURDETT, JR. teach a asserter couon plant under drought conditions and/or value has been selected for the naked Pima-type seed obridging columns 9 and 10; column 15, lines 27-30).	/erficillium in	rant, Verticillium-resistant cotton plant which festation. Furthermore, BURDETT, IR. teac Gossypium barbadense (see, e.g., column 3, li	h shak shata a ass.		
NEW CITATIONS	· <del>-</del>				

#### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/IL03/00018

Supplemental Box (To be used when the space in any of the preceding boxes is not sufficient)				
V.1. Reasoned Statements: The opinion as to Novelty was positive (Yes)with respect to claims 1-5,7-10,13-22,24-27,30-39,41-44,47-56,58-61,64-73,75-79,82-91,93-96,100-106 The opinion as to Novelty was negative (No) with respect to claims 6,11-12,23,28-29,40,45-46,57,62-63,74,80-81,92,97-99 The opinion as to Inventive Step was positive (Yes)with respect to claims 1-5,7-10,13-22,24-27,30-39,41-44,47-56,58-61,64-73,75-79,82-91,93-96,100-106 The opinion as to Inventive Step was negative(NO) with respect to claims 6,11-12,23,28-29,40,45-46,57,62-63,74,80-81,92,97-99 The opinion as to Industrial Applicability was positive (YES) with respect to claims 1-106 The opinion as to Industrial Applicability was negative(NO) with respect to claims NONE				